

D900 Cube LED downlight

Datasheet

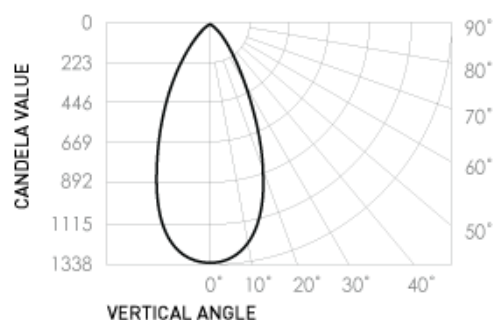


Product codes

Unit:	Series:	Colour temp.:	Beam angle (°):	Colour:
D900	CB	1.8K.3.1K 2.7K 3K 4K 5K	55	B (Black) W (White)

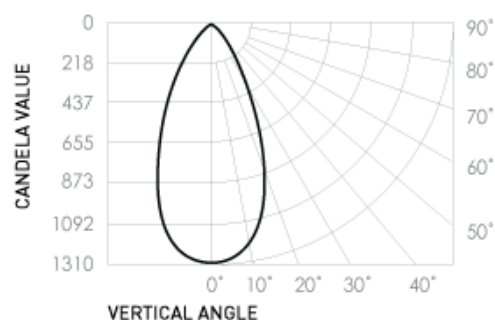
Photometrics

Standard Products



Source lumen output: 1215lm
 Delivered lumen: 950lm
 Efficacy: 71lm/W
 Colour temp.: 4000K
 Beam angle: 55°
 CRI: 97

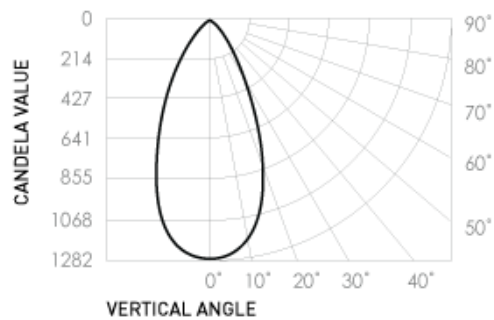
Standard Deviation of colour matching (SDCM): 2MacAdams Steps



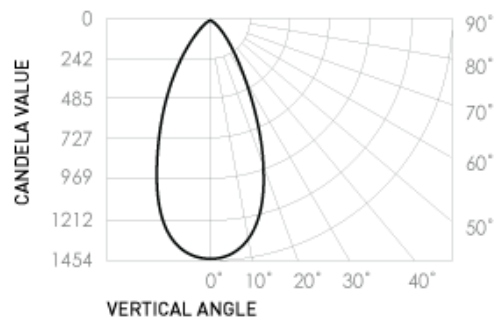
Source lumen output: 1190lm
 Delivered lumen: 930lm
 Efficacy: 70lm/W
 Colour temp.: 3000K
 Beam angle: 55°
 CRI: 97

Standard Deviation of colour matching (SDCM): 2MacAdams Steps

Special Order Products



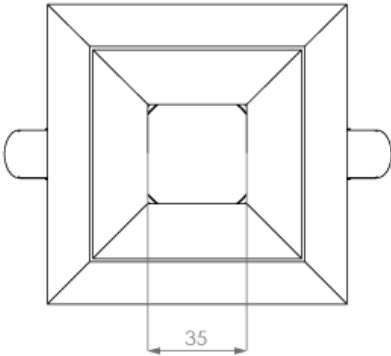
Source lumen output: 1165lm
 Delivered lumen: 910lm
 Efficacy: 68lm/W
 Colour temp.: 2700K (Special Order)
 Beam angle: 55°
 CRI: 97
 Standard Deviation of colour matching (SDCM): 2MacAdams Steps



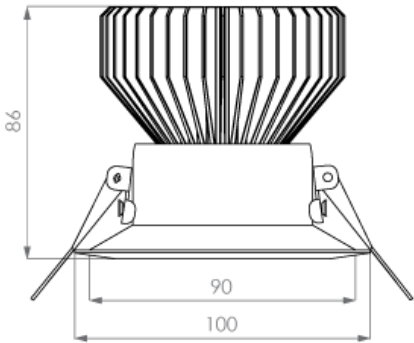
Source lumen output: 1320lm
 Delivered lumen: 1030lm
 Efficacy: 77lm/W
 Colour temp.: 5000K (Special Order)
 Beam angle: 55°
 CRI: 97
 Standard Deviation of colour matching (SDCM): 2MacAdams Steps

Dimensions (mm)

Front view



Side view



Electrical

Input voltage: 220-240V	Power usage: 13.3W	Driver power factor: 0.9	IP rating: IP44	Surge protection: Yes
AC Cable length: 1.2m	Dimmable: Yes	Driver: BG-018BSD-320mA	Driver for Pro-LN: SMART (Zigbee 3.0)	DC Cable Length: 0.3m

Operational

Average temp.: 65°C	Ambient temp.: -28 to 60°C	Lifetime L70, B10: 70,000 hrs (@TA25)	Thermal rating: IC	Source Lumens: 1190lm or 1215lm or 1320lm or 870lm or 1165lm
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SDCM:
2MacAdam Steps

Physical

Weight: 570g	Gimbal angle: 17° Universal	Warranty: 7 years	Version: 3.0
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Compatibility

Recommended Dimmers:

Compatible with leading home automation systems and dimmers.

Recommended Dimmers:

Universal, Trailing Edge, Leading Edge.

Dali option available on request

For more details please refer to:

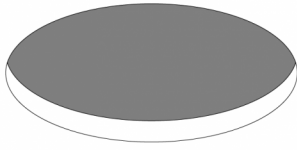
<https://brightgreen.com/digital-driver>

All systems are unique, please

call 1300 672 499 for advice on your installation

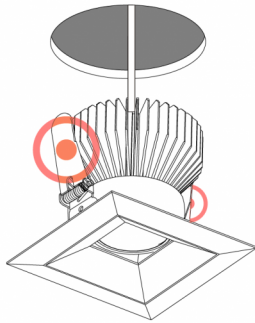
Installation

Installation



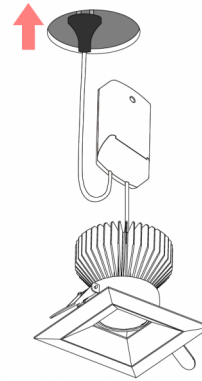
Step 1

Using a 92mm hole saw, cut a hole in the ceiling at the desired location.



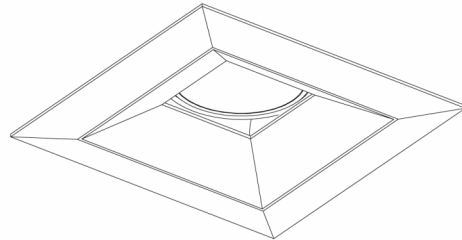
Step 3

Pull back the springs and insert the luminaire into the ceiling cavity.



Step 2

Plug the driver into a mounted general power outlet (GPO) in the ceiling.



Step 4

Once the light is installed, orient the luminaire using its universal gimbal to focus the light as required.